

#### **BOARD OF COMMISSIONERS**

1 S. Main St., 9th Floor Mount Clemens, Michigan 48043 586-469-5125 FAX 586-469-5993 macombcountymi.gov/boardofcommissioners

#### **HEALTH AND ENVIRONMENTAL SERVICES COMMITTEE**

#### **THURSDAY, JUNE 11, 2009**

#### **AGENDA**

1.	Call to Order						
2.	Pledge of Allegiance						
3.	Adoption of Agenda						
4.	Approval of Minutes dated 4-23 and 5-12-09 (previous						
5.	Public Participation						
6.	Report by Dana Casson from Henry Ford Hospital on Healthcare Service Available to the Public Free of Charge	s					
7.	Prosecutor's Environmental Unit Report for May	(mailed)					
8.	Report from Water Quality Board	(mailed)					
9.	S.W.I.M. Team Report for April	(mailed)					
10.	Information from Health Dept. Re: Efforts to Find Permanent Governance Structure and Funding Mechanism for Drinking Water Protection Network	e (mailed)					
11.	Recommendation from Health Dept. to Discontinue Coordination of Child Health Fair	ren's (mailed)					
12.	Authorize Health Dept. to Continue Efforts to Reconfigure Mt. Clemens Auditorium into Health Dept. Emergency Coordination Center	(mailed)					
13.	Adoption of Resolutions:						
	a) Honoring Del Becker for Her Many Years Serving on the Commun	uity					

#### MACOMB COUNTY BOARD OF COMMISSIONERS

Ed Szczepanski - District 11

Mental Health Board (offered by Board Chair)

Andrey Duzyj - District 1 Sue Rocca - District 7

Marvin E. Sauger - District 2 David Flynn - District 8

Phillip A. DiMaria - District 3 Robert Mijac - District 9

Toni Moceri - District 4 Ken Lampar - District 10

Susan L. Doherty - District 5

James L. Carabelli - District 12 Don Brown - District 13 Brian Brdak - District 14 Keith Rengert - District 15 Carey Torrice - District 16

Ed Bruley - District 17 Dana Camphous-Peterson - District 18 Irene M. Kepler - District 21 Frank Accavitti Jr. - District 22

Kathy Tocco

District 20

Vice Chair

Paul Gieleghem

District 19

Chairman

Joan Flynn District 6 Sergeant-At-Arms

William A. Crouchman - District 23 Michael A. Boyle - District 24 Kathy D. Vosburg - District 25 Jeffery S. Sprys - District 26

#### HEALTH AND ENVIRONMENTAL SERVICES COMMITTEE AGENDA JUNE 11, 2009

PAGE 2

- b) Honoring Gerald DeMaire for His Many Years Serving on the Water Quality Board (offered by Board Chair)
- c) Honoring Tom Morley for His Many Years Serving on the Water Quality Board (offered by Board Chair)
- d) Honoring Roy Schwark for His Many Years Serving on the Water Quality Board (offered by Board Chair)
- 14. New Business
- 15. Public Participation
- 16. Adjournment

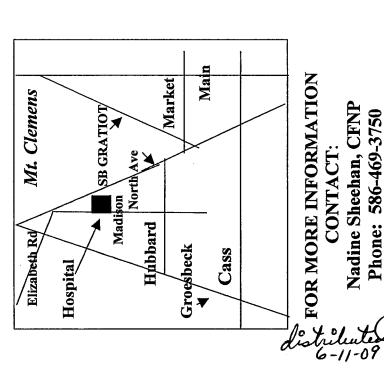
MEMBERS: Camphous-Peterson-Chair, J. Flynn-Vice-Chair, Brown, Rocca, Rengert, Vosburg, Brdak, Torrice, Kepler and Gieleghem (ex-officio)

## LOCATION:

**Henry Ford Macomb Hospital** Mt. Clemens Campus

Mt. Clemens, MI 48043 215 North Ave.

Phone: 586-469-3750



Phone: 586-469-3750

With funding from:

MACOMB HOSPITALS HENRY FORD

Clinic

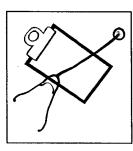
Local Congregations Organizations Local Service Individuals and

\*\*\*\*

Donations for a Medication Fund gratefully accepted!

Henry Ford Macomb's Foundation Neighbors Caring for Neighbors Make check payable to:

## Neighbors Caring Neighbors For



Sponsored by



MACOMB HOSPITALS HENRY FORD

## SERVING:

- Persons and families of all ages
- Economically disadvantaged
- Uninsured

## ELIGBILITY:

- ✓ Macomb County Resident
- ✓ No Insurance
- Low income(Less than \$30,000 per household)

## MEDICAL SERVICES PROVIDED BY:

Val Alef, CFNP
Denise Clinton, CFNP
Jean Edmondson, CFNP
Julie Langowski, ANP-C
Suzanne Mahoney, CFNP
Nadine Sheehan, CFNP
Anne L. Smith, ANP-C

Nurse Practitioners in collaboration with local physicians.

# SERVICES PROVIDED:

- Treatment for acute illnesses such as: colds, ear infections, bronchitis, rashes
- Treatment for chronic illnesses such as: high blood pressure, diabetes
- Employment and school physicals
- Referral to other services
- Other

## Care provided free or at low cost

Donations accepted



# HOURS OF SERVICE

## TUESDAY:

9:00 AM TO 2:00 PM

## WEDNESDAY:

10:00 AM TO 5:00 PM (Walk's until 3:00 only)

### FRIDAY:

9:00 AM TO 2:00 PM

## Located at:

Henry Ford Macomb Hospitals
Mt. Clemens Campus
Second Floor
Call 586-469-3750

Washington Clinic Samaritan House 62324 Old Van Dyke Washington Twp. MI 48094 586-336-9288 Monday Only

- Appointments preferred
- Walk-ins accepted for urgent problems only.

#### NEIGHBORS CARING FOR NEIGHBORS Mt. Clemens Clinic

Sponsored by Henry Ford Macomb Hospital
Henry Ford Macomb Hospital
215 North Ave., Mt. Clemens

Medical services provided <u>free or at low cost</u> for low income persons and families who live in Macomb County, and are without medical insurance.

When: Tuesdays 9:00 am to 2:30 pm
Wednesdays 10:00 am to 5:30 pm
Fridays 9:00 am to 2:30 pm

Appointments (preferred): 586-469-3750
Walk-ins accepted up to 2 hours of closing
time for urgent problems.

\*\*\*\*\*\*\*\*\*\*\*\*

#### NEIGHBORS CARING FOR NEIGHBORS Washington Clinic

Sponsored by Henry Ford Macomb Hospital
And the

Samaritan House, 62324 Van Dyke, Washington Twp.

Medical services provided <u>free or at low cost</u> for low income persons and families who are without medical insurance.

Mondays 9:00 am to 4:30 pm
Please Call
Appointments (preferred): 586-336-9288
Walk-ins accepted on Monday until 2:pm
for urgent problems

## RECYCLABLE PAPER

	FULL BOARD MEETING DATE: 6/18/09	7.
MACOMB	COUNTY, MICHIGAN	
RESOLUTION TO <u>receive and file the S</u> Environmental Unit for May 2009, as su		
INTRODUCED BY: Dana Camphous-P	eterson, Chairman, Health Services Commit	<u>tee</u>

**COMMITTEE/MEETING DATE** Health Services 6/11/09

#### PROSECUTOR'S ENVIRONMENTAL UNIT REPORT

Submitted by Luanne Laemmerman

#### May 2009

#### **CIVIL CASES (in process):**

See table attached.

#### **CRIMINAL CASES** (in process):

People v Daniel Williams – MASH/Marine Division referral. Water Pollution Violation and Dumping Oil from Boat. Warrant authorized. Pre-exam 8/14/08 adjourned for discovery. Preliminary Exam scheduled to 10/6/08, 42-2. Bound over to Circuit Court; Plea negotiations complete. Defendant to pay \$3,000.00 to Lake/River Fund. Defendant missed first payment. Letter to Def attorney on 11/24/08. Defendant missed 4 payments; Show Cause Hearing on 1/28/09 – adjourned for payment by 2/5/09. Bench Warrant issued on 2/17/09. **Defendant picked up/show cause on 5/19/09 and 5/28/09. Def paid \$750 of \$3000 restitution.** 

People v Liston – Marine Division referral. Water Pollution Violation, Violation of County Health Regulations and Watercraft Pollution violations. Warrant authorized 9/20. Pre-Exam and Pretrial on 11/3/08. Preliminary exam held; felony charge dismissed. 1/14/09 Jury Trial adjourned by Court. Pretrial 2/4/09, 42-2; Pretrial rescheduled to 4/22/09, 42-2. Jury Trial 5/13/09. **Defendant's motion to suppress evidence denied on 5/13/09. Jury Trial adjourned by Judge. Awaiting new Jury Trial date.** 

<u>People v Robert Martin and Fettes Mfg Co.</u> – MDEQ-OCI referral. Water Pollution Violation; Liquid Industrial Waste Violation. Wastewater discharged into storm drain. Warrant authorized 3/2/09. Preliminary Exam 3/23/09, 41A3; PE adjourned to 5/18/09, 41A3. **Defendants plead guilty to Liquid Industrial Waste Violations and paid \$5000 to Lake/River Fund. Case closed.** 

#### **MEETINGS ATTENDED ON BEHALF OF COUNTY:**

5/1/09 – Presentation at Trinity Lutheran and L'Anse Creuse High School

5/5/09 – Meeting with Macomb County Health Department

5/12/09 – MDEQ Supervisor's meeting regarding potential referrals

5/12/09 - Water Quality Board

5/17/09 - Nautical Coast Cleanup

5/20/09 - Lake St. Clair Water Festival Presentation

5/21/09 – Clinton River Water Festival Presentation

Monthly Narrative: Continued preparation for court proceedings on recent environmental cases. Continued work with MCHD and Clinton Township personnel regarding outstanding sanitary code violation and sewer connection. Continued work with MCHD regarding outstanding SWIM team cases. Continued coverage at District Court/general criminal and probate docket, including two appeals. Participated in Clinton River Water Festival and Lake St. Clair Water Festivals. Resolved two (2) open criminal cases with restitution for cleanup. Research into more effective procedures to notify prospective home buyers of foreclosed properties of outstanding sanitary code violations. Continued work on appeals in general criminal case. Prepared for jury trial (s).

Future Plan: Continue enforcement of outstanding SWIM team cases and criminal cases in process. Review DVD from 3/3/09 Citizen training and provide to cities/townships for public access viewing. Finalize contract for designation as Special Asst. Attorney General with AG's office. Meet with City/Township Attorneys to coordinate enforcement and promotion of environmental cases. Continue participation in educational programs to facilitate various environmental practices. Participate with Michigan Association of Chiefs of Police in Environmental Crimes Awareness Training for Law Enforcement – date to be determined.

# Macomb County Health Dept/EHS Open Cases 06/03/09

J. C.	17.17	472-1-1	. , .	
Roforrod to	Division/	VIOIALIOII	Kererrai	Issue/Status
Prosecutor	Street		Source	
3/28/05	Clinton Twp/ Cass Avenue	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Sanitary waste plumbed to storm drain discovered 1/03 through dye test. Complaint filed 12/05. Order of Consent Judgment issued 12/19/05. No compliance with Order. Letter to owner on 10/30/07 to pursue proper connection in order to avoid enforcement of Consent Order. Second letter to owner on 11/26 to contact Clinton Twp Water & Sewer Dept by 12/7 to avoid enforcement. Owner contacted Clinton Twp as directed. MCPO contacted by owner's attorney. Owner and/or attorney unresponsive. MCHD verifying alternative corrective action for property. MCHD setting up meeting with owner regarding corrective options. Owner working with MCPO and Clinton Twp personnel regarding sewer connection. No progress by owner after several months – letter to owner on 4/3/09 to decide remedy by 4/17/09 or MCPO will start legal action. Owner to pursue Special Assessment District with connection to sanitary sewer within 7 months.
12/28/05	Fraser/ 14 Mile Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic system. Complaint filed 9/1/06. Order to show cause 9/25/06 – no show. Bench warrant 9/06. Case dismissed by A. Jacklyn 6/13/07 - defendant allegedly complied with sewer connection/started work. MCHD confirmed that connection not made as of 10/24/07. House sold on 12/19/06 - no POS conducted because purchased through foreclosure. 30-day letter sent to new owner on 12/26/07; no compliance, formal citation sent by MCHD on 3/5/08. Enforcement letter sent 4/25/08, correction by 6/15/08; owner currently getting repair estimates; owner trying to get permission to tie into neighboring sanitary lines. MCPO in contact with City of Fraser for options.
2/15/06	Clinton Twp/ Elmway Rd	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Illicit connection. Property transferred to new owner who paid sewer tap and frontage fees. Enforcement letters sent to property owner. Connection to sanitary sewer allegedly begun as of 7/2/07 according to A. Jacklyn. Certificate of occupancy to be withheld until home is connected to sanitary sewer. No action until owner applies for Certificate of Occupancy from Building Dept. 6/1/09 – Posted by MCHD as no unauthorized occupation of premises.
	Chesterfield Twp/ Fairchild	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	MCHD to manage file – house currently unoccupied; bank informed of standing violation. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner.
8/14/07	Lenox	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; wastewater is discharging to the roadside ditch. Owner has not responded to letters regarding alternate septic installation locations. Enforcement letter sent 8/23/07. MCHD confirmed that home owned by the bank; no active discharge; MCHD sent notification letter to bank of standing violation on 12/21/07. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to now owner.
4/2/08	Clinton Twp/North Ave	Section 3.1 & 3.4 Sewage Code	MCHD SWIM Team	Failing septic; citation to owner 3/20/08; sanitary available for connection; foreclosure proceedings in process – no enforcement of violation. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner. 5/27/09 – Posted by MCHD as no unauthorized occupation of premises.
7/2/08	Shelby Twp/ Barclay	undetermined	MCHD SWIM Team	Complaint received by MCHD 5/08; dye test attempted 5/08 – no entry granted; two letters requesting access to dye test sent 5/08-6/08; case referred to MCPO 7/08. Letter sent 7/16/08 to schedule inspection by 7/23/08 or search warrant will be served. MCPO spoke to owner – house vacant since 6/2/08. No violation. MCHD to notify bank. MCPO investigating procedures to notify buyers of standing violation. No action until house is transferred to new owner.
11/20/08	Van Dyke/ Centerline	Section 3.1 & 3.6 Sewage Code	MCHD SWIM Team	4/15/05 - Routine inspection by MCHD revealed illicit connection. 5/12/05 – 30-day compliance letter from Centerline. 11/14/05 – 14-day violation letter from MCHD. 1/3/06 – Citation issued by MCHD. 2006-2007 City of Centerline turned off water and owner illegally turned it back on. Water turned back on - 12/08. MCPO to issue

# Macomb County Health Dept/EHS Open Cases 06/03/09

Issue/Status			demand for compliance. Owner disregarded demand; MCPO to escalate enforcement. 4/14/09 TCW owner referred MCPO to his attorney. 5/1/09 – mtg with owner; connection to be completed by end June 2009.	3/07-4/07 – complaint and investigation revealed discharge of sewage to ground. 4/5/07 – 30-day letter from MCHD requiring connection to sanitary sewer. 5/07-10/07 – owner in process of connection, but did not complete. 8/14/08 – Citation issued by MCHD for failure to comply. 1/20/09 – agreement between owner and MCPO to pump systems 3x/wk and secure means of funding by 3/4/09. Owner retained counsel and is pursuing Special Assmt District (SAD) to pay for correction. Owner to pump tanks 3x/wk and reduce water use in the meantime in exchange for delaying enforcement. Owners have implemented steps to reduce water usage and pursue SAD.	1		12/08 2/9/09 with r		]
Referral	Source			SWIM Team	MCHD SWIM Team	MCHD SWIM Team	MCHD SWIM Team	MCHD/Water Quality	MCHD SWIM Team
Violation				Section 3.1, 3.4 & 5.1 Sewage Code	Section 3.1,3.3 & 3.4 Sewage Code	Section 3.1, 3.4, 5.1 Sewage Code	Section 3.1 Sewage Code	Section 4.1 Public Health Code	Section 3.1, 3.4 & 5.1 Sewage
Civil	Division/	Street		19 Mile Rd/Shelby Twp	Winkler/ Harrison Twp	29 Mile/Ray Twp	Toepfer/ Warren	Gratiot/ Lenox	Lockwood/ Washington
Date	Referred to	Prosecutor		12/16/08	1/2/09	1/28/09	3/25/09	4/1/09	4/8/09

Key: bold text indicates latest activity.

## RECYCLABLE PAPER

9.
RESOLUTION NO MEETING DATE: AGENDA ITEM:
MACOMB COUNTY, MICHIGAN
RESOLUTION TO: RECEIVE AND FILE A REPORT OF THE MACOMB COUNTY WATER QUALITY BOARD
INTRODUCED BY: COMMISSIONER DANA CAMPHOUS-PETERSON, CHAIRPERSON HEALTH & ENVIRONMENTAL SERVICES COMMITTEE
The Macomb County Water Quality Board met on May 12, 2009. All members introduced themselves and provided background relative to their interest in being Board Members.
The Board recognized former members Mr. Tom Morley Jr., Mr. Roy Schwark and Mr. Gerald DeMaire for their contributions to the Board. Mr. Morley and Mr. Schwark had served on the Board since its inception in 1998. Letters of commendation were received from Senators Levin and Stabenow, Representative Levin and Mr. Ken DeBeaussaert on behalf of the Department of Environmental Quality.
A report was given on overflows. More rainfall has been experienced in 2009 and overflows total over two billion gallons. A report was given on the Drinking Water Monitoring Network and the Public Service Consultants study to develop a governance and funding plan. The report and recommendations are to be finalized in July. It is critical that interim funding be secured until recommendations can be implemented.
Health & Environmental Services June 11, 2009

## RECYCLABLE PAPER

RESOLUTION NO.	
	MEETING DATE:
	AGENDA ITEM:
	MACOMB COUNTY, MICHIGAN
RESOLUTION TO:	Receive and file the Surface Water Improvement and Monitoring
	(SWIM) Team report for April 2009.
INTRODUCED BY:	Commissioner Dana Camphous-Peterson, Chairperson, Health
	and Environmental Services Committee
The April 2009 Su	orface Water Improvement and Monitoring (SWIM) Team report e water monitoring, bathing beach monitoring, investigatory and
educational activities	s of the SWIM Team for the month of April 2009.
COMMITTEE/MEET	ING DATE
Health and Environm	nental Services –June 11, 2009

#### MACOMB COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES DIVISION SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM MONTHLY REPORT APRIL 2009

**Mission:** Monitoring, educational, investigatory and enforcement activities toward achieving the goal of all Macomb County surface waters being in compliance with full body contact standards.

**Surface Water Monitoring:** 61 sampling locations were monitored this month for *E. coli* indicator bacteria. The monitoring for April 2009 indicates that 16 % of the sampling locations show improvement over the historical April data.

**Bathing Beach Monitoring:** Monitoring for the 2009-bathing season resumed April 15, 2009 for Blossom Heath Beach and Memorial Park Beach in St. Clair Shores, Metropolitan Beach in Harrison Township, New Baltimore Beach in New Baltimore and the two inland beaches at Stony Creek Metropark in Washington Township. Beaches are monitored twice weekly for compliance with the Total Body Contact Standards contained in Part 125 of the Michigan Public Health Code (P.A. 368, 1978).

#### **SWIM Team Investigations:**

	<u>April</u> 2009	Year-To-Date
Investigations Initiated	8	39
Cases Referred to Prosecutors Office	1	4
Investigations Resolved		33
Open Cases - 2009 Open Cases from 2008 Open Cases from 2007 Open Cases from 2006 Open Cases from 2005 Open Cases from 2004 Open Cases from 2003	6 12 4 4 2 3 3	

<sup>\*</sup>Investigations are initiated by citizen complaint, municipal referral or as an outcome of water quality monitoring results.

#### **Education and Public Information:**

A water quality display was set-up at the Detroit Arsenal on April 22, 2009 as part of an Earth Day event. Employees were on site to answer questions. Thirteen Water Quality and Household Hazardous Waste Presentations were given to 327 students at the following locations:

4 <sup>th</sup> & 5 <sup>th</sup> Grade	St. Clement School	Centerline
5 <sup>th</sup> Grade	Edison Elementary School	Fraser
3 <sup>rd</sup> Grade	South River Elementary School	Harrison Township
3 <sup>rd</sup> Grade	Huron Academy	Sterling Heights
12 <sup>th</sup> Grade	Utica High School	Utica
3 <sup>rd</sup> Grade	Wilde Elementary School	Warren

#### MACOMB COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SEVICES DIVISION SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM MONTHLY REPORT FOR APRIL 2009

#### **SWIM TEAM INVESTIGATIONS**

Monicipalito	Apr-09	Apr-09
<u>Municipality</u> Armada Township	Investigations Initiated 0	Year To Date
Armada Village	0	0
Bruce	0	0
Center Line	0	0
Chesterfield	0	0
Clinton	2	18
Eastpointe	0	0
Fraser	0	1
Harrison	1	4
Lenox	0	0
Macomb	1	3
Memphis	0	0
Mt. Clemens	0	0
New Baltimore	0	0
New Haven	0	0
Ray	1	1
Richmond Township	0	1
Richmond City	0	0
Romeo	0	0
Roseville	0	0
St. Clair Shores	0	1
Shelby	3	5
Sterling Heights	0	2
Utica	0	0
Warren	0	2
Washington	0	1
Total #	8	39

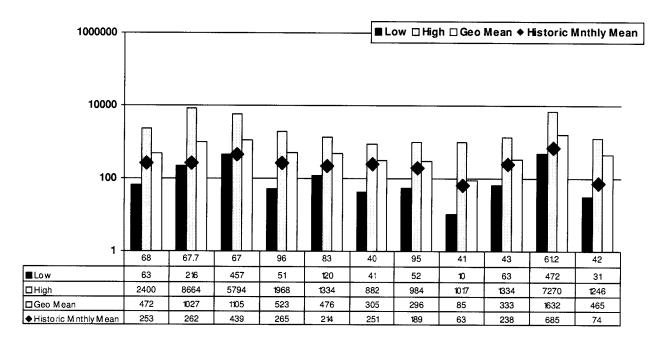
#### Macomb County Health Department Environmental Health Services Division Retention Basin/Combined Sewer/Sanitary Sewer Overflows For the dates 4-1-09 thru 4-30-09

Start	Start Time	End	End Time	Hours	Gallons	Receiving Water	Meets NPDES	Precipi- tation	Туре
4/27/2009 SubTotals fo	12:00	WWTP				N.BRANCH CLINTON RIV	N		SSO
ARMADA V 4/26/2009 SubTotals fo	5:30	4/26/2009		2 2	108,000 108,000	E. BRANCH COON CREEK	N		SSO
CHAPATO 4/20/2009 SubTotals fo	9:00	4/20/2009 ON RTB	23:45	14.75 14.75	33,880,000 33,880,000	LAKE ST. CLAIR	Y	1.44 1.44	CSO-T
FRASER 4/20/2009 4/25/2009 4/28/2009 SubTotals fo	7:15 18:45 7:00 r FRASER	4/20/2009 4/25/2009 4/28/2009	22:15	1.5 3.5 3.25 8.25	62,275 92,384 97,165 251,824	SWEENEY DRAIN SWEENEY DRAIN SWEENEY DRAIN	N N N	1.27 1.4 0.6 3.27	SSO SSO SSO
MARTIN R 4/6/2009 4/15/2009 4/20/2009 4/28/2009 SubTotals fo	12:55 6:30 7:30 15:07	4/7/2009 4/15/2009 4/21/2009 4/28/2009 RTB	14:13	15.6 7.7 23 3.5 49.8	26,200,000 11,720,000 58,810,000 6,530,000 103,260,000	LAKE ST. CLAIR LAKE ST. CLAIR LAKE ST. CLAIR LAKE ST. CLAIR	Y Y Y	0.9 1.03 1.63 0.7 4.26	CSO-T CSO-T CSO-T
MILK RIVE 4/6/2009 4/20/2009 SubTotals fo	11:18 6:48	4/6/2009 4/20/2009 ER RTB	18:09 10:32	2.07 3.9 5.97	19,497,448 33,906,439 53,403,887	LAKE ST. CLAIR LAKE ST. CLAIR	Y Y	0.73 1.59 2.32	CSO-T CSO-T
MT. CLEM 4/27/2009 4/28/2009 SubTotals fo	1:00 10:00	4/27/2009	2:45	1.75 1.75	3,048,000 3,048,000	CLINTON RIVER CLINTON RIVER	Y Y		CSO CSO-T
SOCSDS R 4/20/2009 SubTotals fo	8:19	4/21/2009 RTB	16:45	21.95 21.95	210,000,000 210,000,000	RED RUN DRAIN	Y	1.61 1.61	CSO-T
WARREN 4/20/2009 4/28/2009 SubTotals for	2:19 13:51 r <b>WARREN</b>	4/22/2009 4/29/2009	2:49 2:34	48.5 12.72 61.22	19,200,000 6,000,000 25,200,000	RED RUN DRAIN RED RUN DRAIN	Y Y	1.41 0.65 2.06	BOF BOF
Total all loca	tions			165.69	429,151,711				

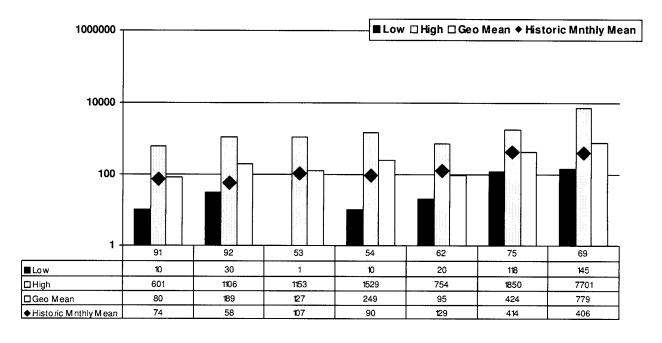
#### 5 HIGHEST E. COLI SURFACE WATER SAMPLING SITES (April, 2009)

	Sample #	# Location	E. coli/100 mL (Geo Mean)
1	85	Lorraine Drain at Bear Creek	2,342
2	61.2	Clinton-Harrison Relief Drain at Shook Road	1,632
3	72	Sterling Relief Drain behind Freedom Hill Park	1,583
4	56.5	Schoenherr Relief Drain at Red Run	1,243
5	46.6	Vanderbenne Drain at Fox Point	1,142

#### **Clinton River Main Branch Watershed-EAST**

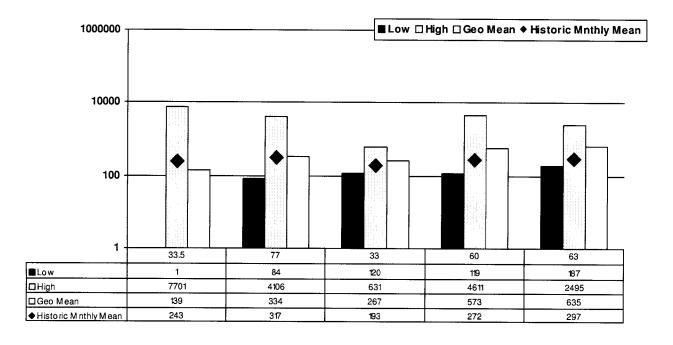


#### Clinton River Main Branch Watershed-WEST

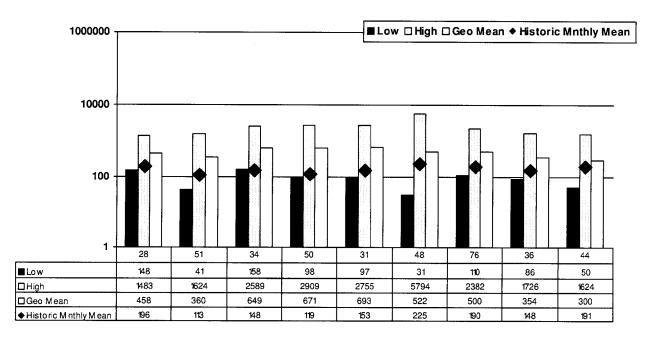


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#### **Clinton River Middle Branch Watershed**

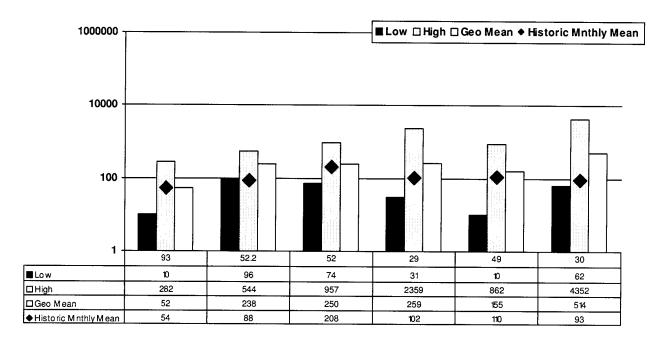


#### Clinton River North Branch Watershed-EAST

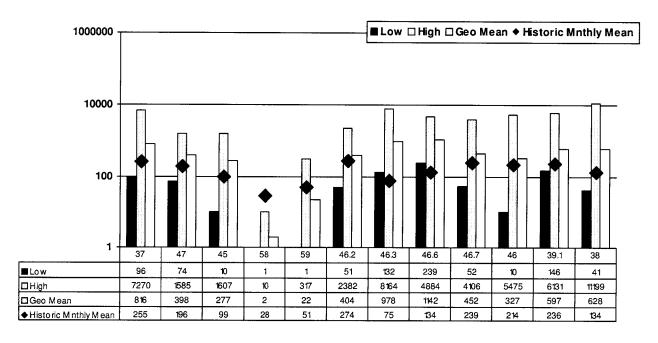


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#### **Clinton River North Branch Watershed-WEST**

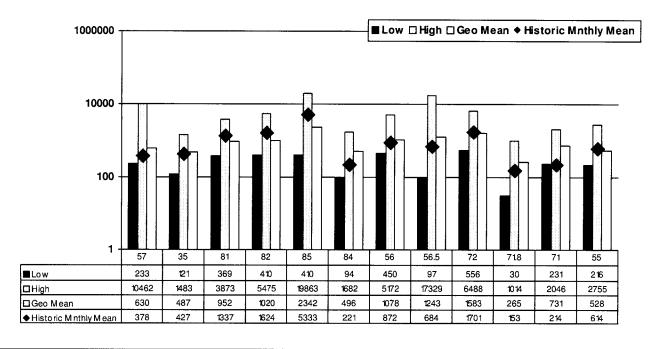


#### Other: Salt River, Milk River, Crapauo Creek



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#### Red Run Drain/Bear Creek Watershed



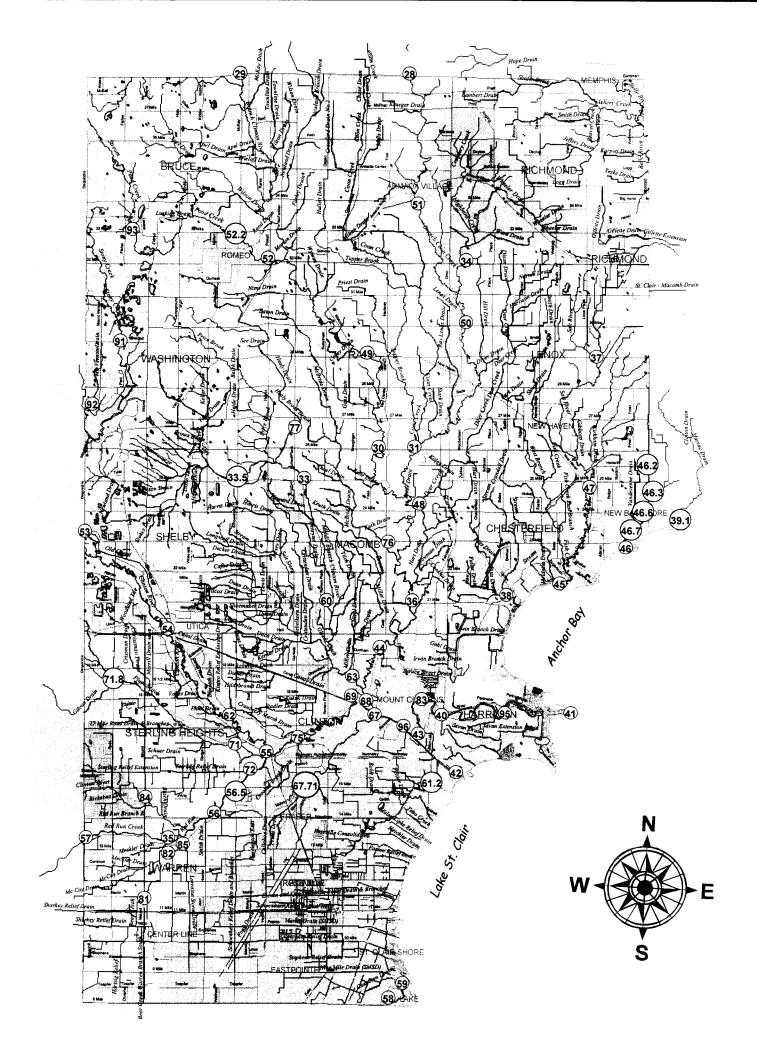
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#### MACOMB COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES DIVISION SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM SURFACE WATER SAMPLING SITES

Sample #	Location
	Clinton River Main Branch Watershed - EAST
68	Clinton River at Moravian Road Bridge
67.71	Sweeney Drain at 15 Mile Road
67	Harrington Drain at Harrington Road
96	Clinton River Spillway at Shadyside Park Bridge
83	Clinton River at Mt. Clemens YMCA Dock
40	Clinton River at I-94
95	Clinton River at Albatross Docks
41	Clinton River at DNR Site
43	Clinton River Spillway at the Weir
61.2	Clinton-Harrison Relief Drain At Shook Road
42	Clinton River Spillway at Jefferson Avenue
	Clinton River Main Branch Watershed - WEST
91	Stony Creek at Inwood Road
92	Stony Creek West Branch at Stony Creek Road
53	Clinton River at Dequindre Road
54	Clinton River at Auburn Road
62	Clinton River at Kleino Road
75	Clinton River at Garfield Road
69	Canal Drain at Clinton River Road
	Clinton River Middle Branch Watershed
33.5	Middle Branch Clinton River at Schoenherr Road
77	Healy Brook Drain at Romeo Plank Road
33	Middle Branch Clinton River at 25 Mile Road
60	Middle Branch Clinton River at 21 Mile Road
63	Middle Branch Clinton River at Heydenreich Road
	Clinton River North Branch Watershed - EAST
51	East Branch Coon Creek at North Avenue
34	Highbank Drain at 32 Mile Road
50	East Branch Coon Creek at 30 Mile Road
31	East Branch Coon Creek at 26 Mile Road
48 70	Deer Creek at North Avenue
76 36	McBride Drain at Card Road North Branch Clinton River at 21 Mile Road
44	North Branch Clinton River at Little Street
28	East Branch Coon Creek at Boardman Road
20	Eddt Branch Goon Greek at Boardman Road
02	Clinton River North Branch Watershed - WEST East Pond Creek at 33 Mile Road
93 52.2	East Pond Creek at 33 Mile Road East Pond Creek at M-53
52.2 52	East Pond Creek at Ni-55 East Pond Creek at Powell Street
29	North Branch Clinton River at Boardman Road
49	North Branch Clinton River at 29 Mile Road
30	North Branch Clinton River at 26 Mile Road

#### MACOMB COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES DIVISION SURFACE WATER IMPROVEMENT AND MONITORING "SWIM" TEAM SURFACE WATER SAMPLING SITES

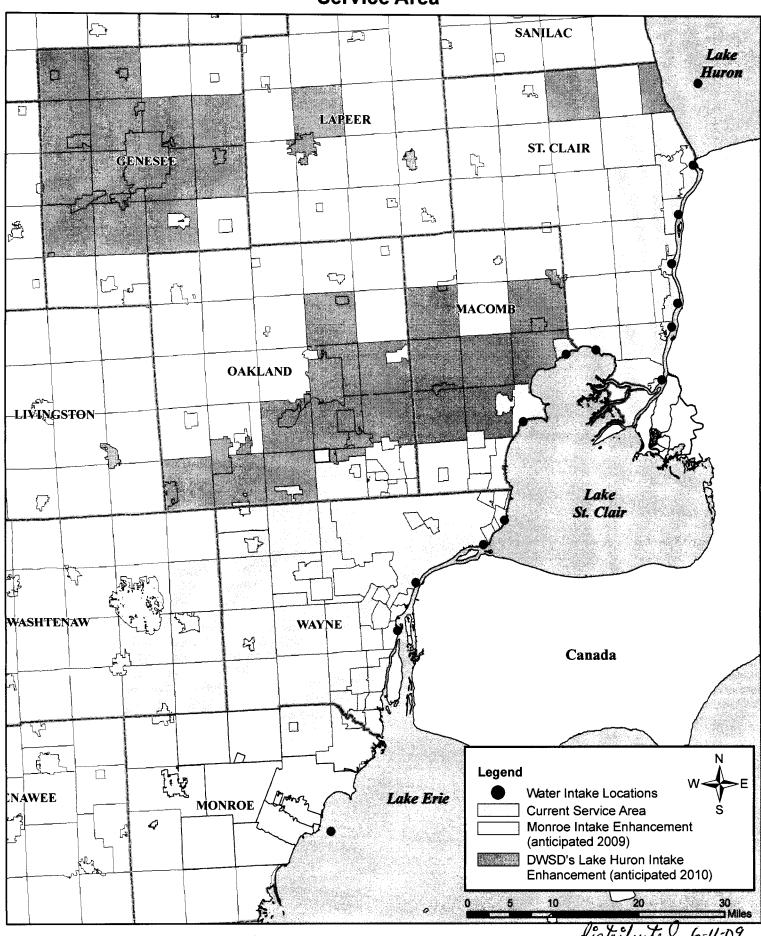
Sample #	Location						
	Other: Salt River, Milk River, Crapeau Creek						
37	•						
47	Salt River at Washington Street						
45							
58							
59	Milk River at Clairwood Street						
46.2	County Line Road Drainage Ditch at Hobarth Road						
46.3	Crapeau Creek at County Line Road						
46.6							
46.7 Crapeau Creek at Ashley Street							
46 Crapeau Creek at Main Street							
39.1	9.1 Marsac Drain at M-29						
38	River Voss at Jefferson Avenue						
	Red Run Drain/Bear Creek Watershed						
57	Red Run Drain at Dequindre Road						
35	Red Run Drain at Van Dyke Avenue						
81 Bear Creek at Mound Road							
82	Bear Creek at Old 13 Mile Road						
85 Lorraine Drain at Bear Creek							
84	Beaver Creek at Mound Road						
56	Red Run Drain at 14 Mile Road						
56.5	Schoenherr Relief Drain at Red Run Drain						
72	Sterling Relief Drain behind Freedom Hill Park						
71.8	Plumbrook Drain at Ryan Road						
71	Plumbrook Drain at Schoenherr Road						
55	Red Run Drain at Utica Road						



## RECYCLABLE PAPER

RESOLUTION NO	MEETING DATE:AGENDA ITEM:
	MACOMB COUNTY, MICHIGAN
<u>.</u>	Receive and file information from the Health Department regarding efforts underway to find a permanent governance structure and funding mechanism for the Drinking Water Protection Network
-	Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee
Department is obligathe Huron-to-Erie Dryears with a combine municipalities. Last	ts from the Michigan Department of Environmental Quality, the Health ated to seek a "regional solution" for the ongoing governance and financing of rinking Water Protection Network which has been built over the past several nation of Federal and State grant funds and support from counties and year, with BOC approval and following an RFP process, we hired Public to help us move forward in attempting to find that regional solution.
	n the Health Department will be available to discuss progress made over the likely future directions.
Health & Environmer	ntal Services June 11, 2009

#### Huron to Erie Corridor Drinking Water Protection Network Service Area





### St. Clair River ~ Lake St. Clair ~ Detroit River Safeguarding Your Drinking Water!

**Drinking Water Protection Network** 

Water Quality Notification System

Nearly three million residents of southeast Michigan rely on the St. Clair River ~Lake St. Clair ~ Detroit River as their source of drinking water. This corridor has historically been subject to numerous chemical spills which threaten its use as a drinking water supply. The St. Clair River ~ Lake St. Clair ~ Detroit River Drinking Water Protection Network is a water quality monitoring system that was established to provide early detection of source water contamination from chemical spills and other threats to public health. This network, which went into operation in January of 2008, is the most sophisticated real-time monitoring system in the United States.

#### **Public Health Always Protected!**

Drinking water safety is paramount in the protection of public health. The monitoring performed under this network goes above and beyond what is required by the Federal Safe Drinking Water Act. This act does not require continual monitoring of the drinking water source and it does not account for the industrialized and urbanized nature of the corridor.

Over 700 chemical spills along the St. Clair ~ Detroit River corridor have been documented since 1986 on the U.S. and Canadian side of the waterway. These spills expose water supplies to contamination creating potential human health hazards. This new system allows operators to assess the quality of water before it enters the plant, and allows them to treat the water more effectively and efficiently.

It is important to note that the drinking water produced from the St. Clair ~ Detroit River corridor is distributed over a large geographic area encompassing the City of Detroit, most of Wayne, Oakland, Macomb, and Genesee Counties, portions of Washtenaw and Lapeer Counties, and the City of Flint. Therefore, even citizens that live as much as 40 miles away from the St. Clair ~ Detroit River waterway need to be aware of the potential threats and actively support efforts to monitor and protect this valuable resource.

The real-time monitoring and communication system serves as a demonstration project for the U.S. Environmental Protection Agency, the U.S. Department of Homeland Security and for municipalities operating drinking water treatment plants across the United States.







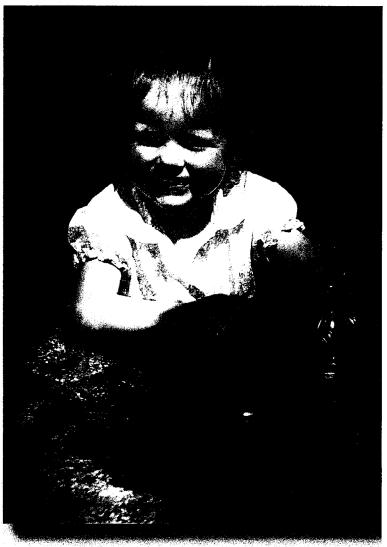






A water quality monitoring system is a cost-effective way of protecting expensive and critical infrastructure.

protect drinking water





#### St. Clair River ~ Lake St. Clair ~ Detroit River Safeguarding Your Drinking Water! Drinking Water Protection Network Water Quality Notification System

#### Real Time Safety & Security!

Prior to installation of this system, plant operators could only measure the quality of water inside their plant. They had little information about the quality of water coming from the river or lake and no information on upstream contamination that may affect your drinking water. The establishment of this monitoring network gives drinking water operators and public health agencies the information necessary to make responsible and timely decisions about how to treat the water being distributed to the public.

This system incorporates high-tech equipment to measure the quality of water entering each water treatment plant every 15 minutes. Twenty-eight specific chemicals and seven broad-based water quality parameters are being The collected water quality data monitored. determines what specialized treatment options or consumption advisories are needed prior to the distribution of the water to the public. In extreme cases, the monitoring data may dictate that the water cannot be treated and the water plants will be shut down until the water quality has improved.

#### Cost & Funding

The initial cost of the project was approximately \$2.5 million and was funded by the EPA, the U.S. Department of Homeland Security, the State of Michigan, Macomb County, St. Clair County and the communities that own the drinking water intakes. Additional lump sum grants were provided by the Michigan Department of Environmental Quality. This initial funding was essential to purchase and install the monitoring equipment and

bring the network into operational status. However, the long-term operation, maintenance and administration of the Network requires a governance structure and permanent funding source. Therefore, a governance and funding plan is being prepared that will propose

Grosse Pointe Farn

the best options for keeping the network operating.

The communication system, detection devices and database created for this project will be valuable tools in developing and implementing source water protection programs for water treatment plants.

#### Public Access to the Data

Detroit -Water Works Park II

The data from the Drinking Water Protection Network is posted to the Regional Water Quality Information Management System Website located at www.RWQIMS.com, where it is available to view or download.

> Macomb County Health Department: Gary White, 586-469-5236

St. Clair County Health Department: Greg Brown, 810-987-5306







## RECYCLABLE PAPER

RESOLUTION NO.	MEETING DATE:
	AGENDA ITEM:
	MACOMB COUNTY, MICHIGAN
RESOLUTION TO:	Concur with recommendation of Macomb County Health Department to discontinue coordinating the Children's Health Fair
INTRODUCED BY:	Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee

For over 20 years, the Children's Health Fair has provided health services and screening to Macomb County families on a weekend in the fall. Our 2008 attendance was below 1000 at 936. Many factors contributed to the attendance decline, including budget and staff reductions over the past year. Several key long-time partners were not able to attend for similar reasons.

Many Macomb County communities and hospitals are sponsoring health fairs – Henry Ford Hospital Health Fair at Partridge Creek, Fraser Fun Fair, Headstart Summer Safety Festival, and New Baltimore Make a Difference Day with free children's immunizations.

At this time, many of our community partners are unsure of their budgets and staff in the fall and if they will be able to attend. Based upon these factors, we do not believe that the benefit to the community justifies the time and expense. Looking at participation, it appears the event is not meeting the community's needs.

#### Children's Health Fair Attendance

2002	2003	2004	2005	2006	2007	2008	
1920	1750	1680	1354	1007	1575	936	

#### COMMITTEE/MEETING DATE

Health and Environmental Services – June 11, 2009

## RECYCLABLE PAPER

RESOLUTION NO	MEETING DATE:
	AGENDA ITEM:

#### MACOMB COUNTY, MICHIGAN

RESOLUTION TO: Authorize the Health Department to continue its ongoing efforts to prepare
the Auditorium in the Mt. Clemens office for reconfiguration into a Health
Department Emergency Coordination Center (ECC) when necessary

INTRODUCED BY: Commissioner Dana Camphous-Peterson, Chairperson, Health and Environmental Services Committee

In the event of a pandemic outbreak or other public health emergency, the Health Department will find it necessary to reconfigure its resources, including both staff and materials, to best respond to the needs of that emergency. Emergency operations result in a very different array of activities than normal day-to-day operations, including operating within an Incident Command structure.

The Auditorium in our Mt. Clemens facility has the potential to support that reconfiguration. Communications, including telecommunications, the ability to monitor multiple radio and TV transmissions, and the ability to send and receive information in multiple formats, are essential. Depending on circumstances, the Health Department Emergency Coordination Center (ECC) may either facilitate Health Department support for the activities of the County Emergency Operations Center (EOC) or may operate independently of the EOC. Examples of situations which reached or approached this level include the tuberculosis investigation of 2008-09 and the H1N1 (swine flu) outbreak of the current year. Following those events, we began planning and to some extent implementing the reconfiguration of the Auditorium into an ECC.

We are requesting Board approval for us to continue our ongoing efforts to purchase and/or deploy equipment to reconfigure our Mt. Clemens Auditorium and thereby enhance our level of preparedness for the next emergency. Equipment and supplies anticipated to be needed are available within the Health Department's grant and general funds budgets.

<u>Health</u>	&	Enviro	nmer	ntal S	<u>Servic</u>	es	June	<u>11,</u>	2009
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